<u>Abstract</u>

The invention discloses previously unknown modifiers of Aß secretion. These proteins are identified as suitable targets for the development of new therapeutics to treat, prevent or ameliorate pathological conditions associated with Aß secretion, including Alzheimer's Disease. The invention also relates to methods to treat, prevent or ameliorate said pathological conditions and pharmaceutical compositions therefore comprising modulators with inhibitory effects on the activity and/or expression of these modifiers.